

Project Title	Funding	Strategic Plan Objective	Institution
Genomic profiling and functional mutation analysis in autism spectrum disorders	\$1,061,929	Q3.S.A	Yale University
Biological correlates of altered brain growth in autism	\$975,783	Q3.S.A	Yale University
Genetics and gene-environment interactions in a Korean epidemiological sample of autism	\$149,354	Q3.S.C	Yale University
A genome-wide search for autism genes in the Simons Simplex Collection	\$3,896,750	Q3.L.B	Yale University
ACE Center: Rare variant genetics, contactin-related proteins and autism	\$334,470	Q3.L.B	Yale University
Simons Simplex Collection Site	\$514,837	Q3.L.B	Yale University
Genetic epidemiology of autism spectrum disorders	\$178,192	Q3.Other	Yale University
Structural and functional neural correlates of early postnatal deprivation	\$150,412	Q3.S.H	Wayne State University
Do vagal and circumventricular inflammation contribute to the etiology of regressive autism?	\$45,000	Q3.Other	Wadsworth Center, State of New York Department of Health
5/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$2,718,190	Q3.S.A	Vanderbilt University
Simons Simplex Collection Site	\$135,000	Q3.L.B	Vanderbilt University
Unraveling the genetic etiology of autism	\$500,900	Q3.L.B	Vanderbilt University
In vivo function of neuronal activity-induced MeCP2 phosphorylation	\$304,917	Q3.S.J	University of Wisconsin - Madison
An investigation on the potential harmful effects of mercury in the nonhuman primate	\$15,900	Q3.S.F	University of Washington
Simons Simplex Collection Site	\$445,508	Q3.L.B	University of Washington
Genomic hotspots of autism	\$588,027	Q3.L.B	University of Washington
Epigenetics, hormones and sex differences in autism incidence	\$85,000	Q3.S.K	University of Virginia
Sex chromosomes, epigenetics, and neurobehavioral disease	\$382,757	Q3.S.K	University of Virginia
Relevance of NPAS1/3 balance to autism and schizophrenia	\$356,840	Q3.L.B	University of Texas Southwestern Medical Center
Epidemiological research on autism in Jamaica	\$131,010	Q3.S.H	University of Texas Health Science Center at Houston
IL-6-mediated Jak2/Stat3 signaling and brain development	\$220,500	Q3.L.C	University of South Florida
Center for Genomic and Phenomic Studies in Autism	\$1,495,363	Q3.S.C	University of Southern California
Investigating gene-environment interaction in autism: Air pollution x genetics	\$280,078	Q3.L.D	University of Southern California
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	\$93,500	Q3.S.E	University of Rochester
A history of behavioral genetics	\$66,171	Q3.Other	University of Pittsburgh
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	\$1,565,618	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia

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4/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$725,893	Q3.S.A	University of Pennsylvania
Pathway-based genetic studies of autism spectrum disorder	\$34,437	Q3.L.B	University of Pennsylvania
Novel animal models of impaired social behavior and anxiety: A role for MeCP2	\$240,000	Q3.L.C	University of Pennsylvania
Identifying and understanding the action of autism susceptibility genes	\$0	Q3.L.B	University of Oxford
Investigating the effect of mercury on ASD, AD and ASD regression	\$22,000	Q3.L.C	University of Northern Iowa
A molecular genetic study of autism and related phenotypes in extended pedigrees (supplement)	\$99,600	Q3.S.A	University of North Carolina at Chapel Hill
A molecular genetic study of autism and related phenotypes in extended pedigrees	\$582,231	Q3.S.A	University of North Carolina at Chapel Hill
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	\$1,209,900	Q3.L.D	University of North Carolina at Chapel Hill
Simons Simplex Collection Site	\$512,224	Q3.L.B	University of Missouri
Simons Simplex Collection Site	\$1,493,572	Q3.L.B	University of Michigan
Molecular and genetic epidemiology of autism	\$1,186,466	Q3.L.B	University of Miami Miller School of Medicine
Epigenetic regulation of the autism susceptibility gene, ENGRAILED 2 (EN2)	\$0	Q3.S.J	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Simons Simplex Collection Site	\$117,339	Q3.L.B	University of Illinois at Chicago
Investigation of DUF1220 domains in human brain function and disease (supplement)	\$79,369	Q3.L.B	University of Colorado Denver
Investigation of DUF1220 domains in human brain function and disease	\$352,794	Q3.L.B	University of Colorado Denver
Genomic imbalances in autism	\$50,000	Q3.L.B	University of Chicago
Linking autism and congenital cerebellar malformations	\$0	Q3.L.B	University of Chicago
Large-scale discovery of scientific hypotheses; Computation over expert opinions	\$607,996	Q3.Other	University of Chicago
Dissecting epistasis and pleiotropy in autism towards personalized medicine	\$2,317,500	Q3.S.A	University of California, San Francisco
ACE Center: Targeting genetic pathways for brain overgrowth in autism spectrum disorders	\$357,789	Q3.L.B	University of California, San Diego
Whole-exome sequencing to identify causative genes for autism	\$175,000	Q3.L.B	University of California, San Diego
ACE Center: Imaging autism biomarkers + risk genes	\$219,925	Q3.Other	University of California, San Diego
Molecular and environmental influences on autism pathophysiology	\$0	Q3.S.K	University of California, Los Angeles
Simons Simplex Collection Site	\$478,332	Q3.L.B	University of California, Los Angeles

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ACE Network: A comprehensive approach to identification of autism susceptibility genes	\$2,823,814	Q3.L.B	University of California, Los Angeles
FOXP2-regulated signaling pathways critical for higher cognitive functions	\$90,000	Q3.Other	University of California, Los Angeles
Vitamin D status and autism spectrum disorder: Is there an association?	\$61,272	Q3.S.C	University of California, Davis
The CHARGE Study: Childhood Autism Risks from Genetics and the Environment	\$1,005,627	Q3.S.C	University of California, Davis
UC Davis Children's Environmental Health and Disease Prevention Research Center	\$756,802	Q3.S.C	University of California, Davis
Gene expression and immune cell function in mothers of children with autism	\$267,895	Q3.S.E	University of California, Davis
Immunobiology in autism	\$0	Q3.S.E	University of California, Davis
Evaluation of the immune and physiologic response in children with autism following immune challenge	\$327,972	Q3.S.E	University of California, Davis
Etiology of autism risk involving MET gene and the environment	\$186,745	Q3.S.E	University of California, Davis
Early exposure to acetaminophen and autism	\$19,997	Q3.S.F	University of California, Davis
Project 3: Neurodevelopmental toxicology of autism	\$173,583	Q3.S.K	University of California, Davis
Project 1: Environmental epidemiology of autism	\$279,901	Q3.L.C	University of California, Davis
Project 1: Effect of multi-level environmental exposure on birth outcomes	\$29,643	Q3.S.C	University of California, Berkeley
Elevated urinary P-cresol: Intestinal causes and behavioral consequences	\$25,000	Q3.S.I	Universita Campus Bio-Medico di Roma
Analysis of developmental interactions between reelin haploinsufficiency, male sex, and mercury exposure	\$92,582	Q3.S.K	Universita Campus Bio-Medico di Roma
Identification and functional characterization of gene variants	\$0	Q3.L.B	Universita Campus Bio-Medico di Roma
Multi-registry analyses for iCARE - Finland	\$41,910	Q3.S.H	Turku University
Multi-registry analyses for iCARE- West Australia	\$84,445	Q3.S.H	The University of Western Australia
Simons Simplex Collection Site	\$360,484	Q3.L.B	The Research Institute of the McGill University Health Centre
The impact of autism specific genomic variations on microRNA gene expression profile	\$0	Q3.L.B	The Hospital for Sick Children
Multi-registry analyses for iCARE - Israel	\$41,943	Q3.S.H	The Gertner Institute of Epidemiology and Health Policy Research
Autism spectrum disorder and autoimmune disease of mothers	\$91,480	Q3.S.E	The Feinstein Institute for Medical Research
Toxicant-induced autism and mitochondrial modulation of nuclear gene expression	\$0	Q3.S.J	Texas A&M University

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Identification of aberrantly methylated genes in autism: The role of advanced paternal age	\$374,835	Q3.S.J	Research Foundation for Mental Hygiene, Inc.
The frequency of polymorphisms in maternal- and paternal-effect genes in autism spectrum	\$187,500	Q3.L.B	Princeton University
Multi-registry analyses for iCARE - Norway	\$39,426	Q3.S.H	Norwegian Institute of Public Health
Does thimerosal elicit a hormetic response?	\$6,275	Q3.S.E	Northeastern University
Prenatal factors and risk of autism in a Finnish national birth cohort	\$408,838	Q3.S.H	New York State Psychiatric Institute
Hypocholesterolemic autism spectrum disorder	\$126,671	Q3.L.B	National Institutes of Health
Genetic epidemiology of complex traits	\$770,313	Q3.L.B	National Institutes of Health
3/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$840,464	Q3.S.A	Mount Sinai School of Medicine
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center	\$700,000	Q3.L.D	Michigan State University
The transcription factor PLZF: A possible genetic link between immune dysfunction and autism	\$0	Q3.L.B	Memorial Sloan-Kettering Cancer Center
The role of the neurexin 1 gene in susceptibility to autism	\$127,500	Q3.L.B	Massachusetts General Hospital/Harvard Medical School
Analysis of the small intestinal microbiome of children with autism	\$0	Q3.S.I	Massachusetts General Hospital
Genome-wide analyses of DNA methylation in autism	\$400,000	Q3.S.J	Massachusetts General Hospital
Comprehensive follow-up of novel autism genetic discoveries	\$0	Q3.L.B	Massachusetts General Hospital
Investigation of genes involved in synaptic plasticity in Iranian families with ASD	\$0	Q3.L.B	Massachusetts General Hospital
A recurrent genetic cause of autism	\$400,000	Q3.L.B	Massachusetts General Hospital
Genes disrupted by balanced genomic rearrangements in autism spectrum disorders	\$307,842	Q3.L.B	Massachusetts General Hospital
Role of TSC/mTOR signaling pathway in autism and autism spectrum disorders	\$83,403	Q3.L.B	Massachusetts General Hospital
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Massachusetts General Hospital
Identical twins discordant for autism: Epigenetic (DNA methylation) biomarkers of non-shared environmental influences	\$89,030	Q3.S.J	King's College London
MeHG stimulates antiapoptotic signaling in stem cells	\$0	Q3.S.F	Kennedy Krieger Institute
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	\$0	Q3.S.J	Kennedy Krieger Institute
Multi-registry analyses for iCARE- Sweden	\$41,250	Q3.S.H	Karolinska Institutet

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Prenatal and neonatal biologic markers for autism	\$621,762	Q3.S.C	Kaiser Foundation Research Institute
Prenatal exposure to polyfluoroalkyl compounds in the EMA study	\$130,465	Q3.S.F	Kaiser Foundation Research Institute
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	\$1,539,577	Q3.L.D	Kaiser Foundation Research Institute
Integrative genetic analysis of autistic brains	\$400,000	Q3.L.B	Johns Hopkins University School of Medicine
The role of contactin-associated protein-like 2 (CNTNAP2) and other novel genes in autism	\$464,601	Q3.L.B	Johns Hopkins University School of Medicine
Genome-wide environment interaction study for autism: The SEED study	\$704,956	Q3.S.C	Johns Hopkins University
Psychosis and autoimmune diseases in Denmark	\$148,389	Q3.S.E	Johns Hopkins University
Environment, the perinatal epigenome, and risk for autism and related disorders	\$1,771,110	Q3.S.J	Johns Hopkins University
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	\$0	Q3.S.J	Johns Hopkins University
The role of retrotransposons in autism spectrum disorders	\$2,078,635	Q3.L.B	Johns Hopkins University
Understanding glutamate signaling defects in autism spectrum disorders	\$0	Q3.L.B	Johns Hopkins University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	\$2,331,772	Q3.L.D	Johns Hopkins University
Assisted reproductive treatments and risk of autism	\$59,686	Q3.S.H	Institute of Psychiatry, King's College London
Research project about a potential infectious origin of autism	\$40,000	Q3.S.E	Institut de Recherche Luc Montagnier
Illumina, Inc.	\$1,275,994	Q3.L.B	Illumina, Inc.
Effect of oxytocin receptor inhibitor (atosiban) during the perinatal period and prevalence of autism spectrum disorders	\$122,950	Q3.S.H	Hebrew University
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Harvard University
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Harvard University
Maternal risk factors for autism in the Nurses Health Study II – a pilot study	\$57,919	Q3.L.C	Harvard School of Public Health
Population genetics to improve homozygosity mapping and mapping in admixed groups	\$45,590	Q3.L.B	Harvard Medical School
Maternal dietary factors and risk of autism spectrum disorders	\$0	Q3.L.C	Harvard Medical School
Genetic and immunological risk factors for autism	\$423	Q3.S.E	Feinstein Institute For Medical Research
Dense mapping of candidate regions linked to autistic disorder	\$848	Q3.L.B	Feinstein Institute For Medical Research

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Epigenetic marks as peripheral biomarkers of autism	\$949,623	Q3.S.J	Emory University
Simons Simplex Collection Site	\$495,394	Q3.L.B	Emory University
Comprehensive genetic variation detection to assess the role of the X chromosome in autism	\$764,847	Q3.L.B	Emory University
Immunopathogenesis in autism: Regulatory T cells and autoimmunity in neurodevelopment	\$0	Q3.S.F	East Carolina University
Whole-genome sequencing for rare highly penetrant gene variants in schizophrenia	\$1,461,725	Q3.L.B	Duke University
Early Autism Risk Longitudinal Investigation (EARLI) network (supplement)	\$5,839	Q3.L.A	Drexel University
ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) network	\$2,965,254	Q3.L.A	Drexel University
Multi-registry analyses for iCARE - Data Management Core	\$76,219	Q3.S.H	Columbia University
Simons Simplex Collection Site	\$869,988	Q3.L.B	Columbia University
Social determinants of the autism epidemic	\$805,000	Q3.L.D	Columbia University
Gene-environment interactions in an autism birth cohort (supplement)	\$849,819	Q3.L.D	Columbia University
Strengthening qualitative research through methodological innovation and integration: Networks of expertise and the autism spectrum	\$105,166	Q3.Other	Columbia University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Colorado	\$1,227,545	Q3.L.D	Colorado Department of Health and Environment
Deep sequencing of autism candidate genes in 2000 families from the Simons Simplex Collection	\$1,395,339	Q3.S.A	Cold Spring Harbor Laboratory
Genetic basis of autism	\$6,625,251	Q3.L.B	Cold Spring Harbor Laboratory
Genome-wide association study of autism characterized by developmental regression	\$127,458	Q3.L.B	Cincinnati Children's Hospital Medical Center
Potential role of non-coding RNAs in autism	\$0	Q3.L.B	Children's Mercy Hospitals And Clinics
Human autism genetics and activity dependent gene activation	\$2,639,516	Q3.S.A	Children's Hospital Boston
Finding autism genes by genomic copy number analysis	\$582,867	Q3.S.A	Children's Hospital Boston
Gene expression profiling of autism spectrum disorders	\$0	Q3.L.B	Children's Hospital Boston
Finding recessive genes for autism spectrum disorders	\$186,825	Q3.L.B	Children's Hospital Boston
Simons Simplex Collection Site	\$483,393	Q3.L.B	Children's Hospital Boston
Uncovering genetic mechanisms of ASD	\$127,500	Q3.L.B	Children's Hospital Boston
RNA expression patterns in autism	\$706,052	Q3.L.B	Children's Hospital Boston
Immune biomarkers in serum and newborn dried blood spots	\$0	Q3.L.C	Centers for Disease Control and Prevention (CDC)

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Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Georgia	\$954,702	Q3.L.D	Centers for Disease Control and Prevention (CDC)
Genetic investigation of cognitive development in autistic spectrum disorders	\$184,248	Q3.L.B	Brown University
2/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$1,723,105	Q3.S.A	Broad Institute
Human intestinal microbial ecology and its relationship to autism	\$28,960	Q3.S.I	Biodesign Institute, Arizona State University
Recessive genes for autism and mental retardation	\$148,856	Q3.L.B	Beth Israel Deaconess Medical Center
1/5-Elucidating the genetic architecture of autism by deep genomic sequencing	\$998,515	Q3.S.A	Baylor College of Medicine
DNA methylation and other epigenetic studies of autism brain	\$43,986	Q3.S.J	Baylor College of Medicine
Studies of postmortem brain searching for epigenetic defects causing autism	\$400,000	Q3.S.J	Baylor College of Medicine
The role of the Rett gene, chromosome 15q11-q13, other genes, and epigenetics	\$13,734	Q3.S.J	Baylor College of Medicine
Human neurobehavioral phenotypes associates with the extended PWS/AS domain	\$634,739	Q3.S.J	Baylor College of Medicine
Maternal supplementation of folic acid and function of autism gene synaptic protein Shank3 in animal model	\$90,415	Q3.S.J	Baylor College of Medicine
Simons Simplex Collection	\$130,856	Q3.L.B	Baylor College of Medicine
Analysis of candidate genes derived from a protein interaction network in SSC samples	\$0	Q3.L.B	Baylor College of Medicine
Simons Simplex Collection Site	\$457,644	Q3.L.B	Baylor College of Medicine
Autism Genome Project (AGP)	\$600,000	Q3.L.B	Autism Speaks (AS)
Advanced parental age and autism: The role of aneuploidy and uniparental disomy in ASD pathogenesis	\$28,000	Q3.S.A	Albert Einstein College of Medicine of Yeshiva University
Epidemiologic studies of reproductive and developmental outcomes – Denmark	\$300,615	Q3.S.H	Aarhus University
Multi-registry analyses for iCARE - Denmark	\$29,162	Q3.S.H	Aarhus University

